

**SA 1848.** Mr. SASSE submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

**SEC. \_\_\_\_ . AUTHORIZATION OF APPROPRIATIONS FOR THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY.**

Notwithstanding any other provision of law, there is authorized to be appropriated for the Defense Advanced Research Projects Agency \$7,000,000,000 for each of fiscal years 2022 through 2026.

**SA 1849.** Mr. SASSE submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title V of division B, add the following:

**SEC. \_\_\_\_ . OFFICE OF SCIENCE AND TECHNOLOGY POLICY ARTIFICIAL INTELLIGENCE- AND MACHINE LEARNING-ENABLED GAME.**

(a) IN GENERAL.—The Director of the Office of Science and Technology and Policy, in coordination with the Secretary of State, the Secretary of the Treasury, the Secretary of Defense, the Attorney General of the United States, the Secretary of Energy, the Secretary of Homeland Security, the Director of National Intelligence, and the heads of such other agencies as the Director of the Office of Science and Technology Policy considers appropriate, shall conduct an artificial intelligence- and machine learning-enabled game of games covering each instrument of national power.

(b) PLAN REQUIRED.—

(1) IN GENERAL.—The Director of the Office of Science and Technology Policy shall submit to Congress a plan for the execution of the game described in subsection (a).

(2) FORM.—The plan required by paragraph (1) shall be submitted in classified form.

(c) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to the Office of Science and Technology Policy to carry out this section \$100,000,000 for fiscal year 2022.

**SA 1850.** Mr. BLUMENTHAL submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to

require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title V of division B, insert the following:

**SEC. \_\_\_\_ . INVESTIGATION AND REPORT ON EDGE NETWORK AUDIO VISUAL SYSTEMS INVOLVING A FOREIGN ADVERSARY.**

(a) DEFINITIONS.—In this section:

(1) EDGE NETWORK AUDIO VISUAL SYSTEM.—The term “edge network audio visual system” means audio-visual communications equipment used at the edge of telecommunications networks, such as headsets, webcams or other video cameras, desk telephones, conference telephones, videoconferencing devices, and related services, to facilitate voice and video communications.

(2) FOREIGN ADVERSARY.—The term “foreign adversary” means any foreign government or foreign non-government person engaged in a long term pattern or serious instances of conduct significantly adverse to the national security of the United States or security and safety of United States persons.

(3) ICTS TRANSACTION.—The term “ICTS Transaction” has the meaning given such term in section 7.2 of part 7 of title 15, Code of Federal Regulations, as in effect on the day before the date of the enactment of this Act.

(b) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the reliance on edge network audio visual systems has increased significantly as a result of changes in workplace environment and adoption of new technologies, including during Coronavirus Disease 2019 (COVID-19) pandemic, with more widespread uptake of remote work, meetings, virtual offices, and other communications; and

(2) the use of edge network audio visual systems increasingly involves sensitive personal, business, and government information that could present a cybersecurity or national security risk based on the presence of security vulnerabilities or when a manufacturer is susceptible to undue influence by foreign adversaries.

(c) INVESTIGATION AND REPORT.—

(1) INVESTIGATION.—Not later than 30 days after the date of the enactment of this Act, the Secretary of Commerce shall, in consultation with the heads of such other Federal departments and agencies as the Secretary considers appropriate, commence an investigation regarding—

(A) whether certain manufacturers of edge network audio visual systems and associated ICTS Transactions involving a foreign adversary may present an undue or unacceptable risk to cybersecurity or national security; and

(B) if so, whether restrictions should be imposed on such edge network audio visual systems and associated ICTS Transactions in accordance with such part.

(2) REPORT.—

(A) IN GENERAL.—Not later than 90 days after the date of the enactment of this Act, the Secretary shall submit to Congress a report on the results of such investigation.

(B) FORM.—The report submitted under subparagraph (A) shall be submitted in unclassified form, but may contain a classified annex. The unclassified portion of the report shall include information about the results of the investigation and recommendations.

**SA 1851.** Mr. THUNE (for himself, Mr. TESTER, Mr. MORAN, and Mr. PETERS) submitted an amendment intended to

be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of division F, add the following:

**TITLE IV—TELECOMMUNICATIONS INDUSTRY WORKFORCE**

**SEC. 6401. SHORT TITLE.**

This title may be cited as the “Telecommunications Skilled Workforce Act”.

**SEC. 6402. TELECOMMUNICATIONS INTERAGENCY WORKING GROUP.**

(a) IN GENERAL.—Part I of title III of the Communications Act of 1934 (47 U.S.C. 301 et seq.) is amended by adding at the end the following:

**“SEC. 344. TELECOMMUNICATIONS INTERAGENCY WORKING GROUP.**

“(a) DEFINITION.—In this section, the term ‘telecommunications interagency working group’ means the interagency working group established under subsection (b)(1).

“(b) ESTABLISHMENT.—

“(1) IN GENERAL.—Not later than 60 days after the date of enactment of this section, the Chairman of the Commission, in partnership with the Secretary of Labor, shall establish within the Commission an interagency working group to develop recommendations to address the workforce needs of the telecommunications industry, including the safety of that workforce.

“(2) DATE OF ESTABLISHMENT.—The telecommunications interagency working group shall be considered established on the date on which a majority of the members of the working group have been appointed, consistent with subsection (d).

“(c) DUTIES.—In developing recommendations under subsection (b), the telecommunications interagency working group shall—

“(1) determine whether, and if so how, any Federal laws, regulations, guidance, policies, or practices, or any budgetary constraints, may be amended to strengthen the ability of institutions of higher education (as defined in section 101 of the Higher Education Act of 1965 (20 U.S.C. 1001)) or for-profit businesses to establish, adopt, or expand programs intended to address the workforce needs of the telecommunications industry, including the workforce needed to build and maintain the 5G wireless infrastructure necessary to support 5G wireless technology;

“(2) identify potential policies and programs that could encourage and improve coordination among Federal agencies, between Federal agencies and States, and among States, on telecommunications workforce needs;

“(3) identify ways in which existing Federal programs, including programs that help facilitate the employment of veterans and military personnel transitioning into civilian life, could be leveraged to help address the workforce needs of the telecommunications industry;

“(4) identify ways to improve recruitment in workforce development programs in the telecommunications industry;

“(5) identify Federal incentives that could be provided to institutions of higher education, for-profit businesses, State workforce development boards established under section 101 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3111), or other relevant stakeholders to establish or adopt new

programs, expand current programs, or partner with registered apprenticeship programs, to address the workforce needs of the telecommunications industry, including such needs in rural areas; and

“(6) identify ways to improve the safety of telecommunications workers, including tower climbers.

“(d) MEMBERS.—The telecommunications interagency working group shall be composed of the following representatives of Federal agencies and relevant non-Federal industry and labor stakeholder organizations:

“(1) A representative of the Department of Education, appointed by the Secretary of Education.

“(2) A representative of the National Telecommunications and Information Administration, appointed by the Assistant Secretary of Commerce for Communications and Information.

“(3) A representative of the Commission, appointed by the Chairman of the Commission.

“(4) A representative of a registered apprenticeship program in construction or maintenance, appointed by the Secretary of Labor.

“(5) A representative of a telecommunications industry association, appointed by the Chairman of the Commission.

“(6) A representative of an Indian Tribe or Tribal organization, appointed by the Chairman of the Commission.

“(7) A representative of a rural telecommunications carrier, appointed by the Chairman of the Commission.

“(8) A representative of a telecommunications contractor firm, appointed by the Chairman of the Commission.

“(9) A representative of a minority-serving institution (defined as an institution of higher education described in section 371(a) of the Higher Education Act of 1965 (20 U.S.C. 1067g(a))), appointed by the Secretary of Education.

“(10) A public interest advocate for tower climber safety, appointed by the Secretary of Labor.

“(11) A representative of the Directorate of Construction of the Occupational Safety and Health Administration, appointed by the Secretary of Labor.

“(12) A representative of a labor organization representing the telecommunications workforce, appointed by the Secretary of Labor.

“(e) NO COMPENSATION.—A member of the telecommunications interagency working group shall serve without compensation.

“(f) OTHER MATTERS.—

“(1) CHAIR AND VICE CHAIR.—The telecommunications interagency working group shall name a chair and a vice chair, who shall be responsible for organizing the business of the working group.

“(2) SUBGROUPS.—The chair and vice chair of the telecommunications interagency working group, in consultation with the other members of the telecommunications interagency working group, may establish such subgroups as necessary to help conduct the work of the telecommunications interagency working group.

“(3) SUPPORT.—The Commission and the Secretary of Labor may detail employees of the Commission and the Department of Labor, respectively, to assist and support the work of the telecommunications interagency working group, though such a detailee shall not be considered to be a member of the working group.

“(g) REPORT TO CONGRESS.—

“(1) REPORT TO CONGRESS.—Not later than 1 year after the date on which the telecommunications interagency working group is established, the working group shall sub-

mit a report containing its recommendations to address the workforce needs of the telecommunications industry to—

“(A) the Committee on Commerce, Science, and Transportation of the Senate;

“(B) the Committee on Health, Education, Labor, and Pensions of the Senate;

“(C) the Committee on Energy and Commerce of the House of Representatives;

“(D) the Committee on Education and Labor of the House of Representatives;

“(E) the Department of Labor; and

“(F) the Commission.

“(2) MAJORITY SUPPORT.—The telecommunications interagency working group may not submit the report under paragraph (1) unless the report has the support of not less than the majority of the members of the working group.

“(3) VIEWS.—The telecommunications interagency working group shall—

“(A) include with the report submitted under paragraph (1) any concurring or dissenting view offered by a member of the working group; and

“(B) identify each member to whom each concurring or dissenting view described in subparagraph (A) should be attributed.

“(4) PUBLIC POSTING.—The Commission and the Secretary of Labor shall make a copy of the report submitted under paragraph (1) available to the public on the websites of the Commission and the Department of Labor, respectively.

“(h) NONAPPLICABILITY OF FACAA.—The Federal Advisory Committee Act (5 U.S.C. App.) shall not apply to the telecommunications interagency working group.”

(b) SUNSET.—Section 344 of the Communications Act of 1934, as added by subsection (a), shall be repealed on the day after the date on which the interagency working group established under subsection (b)(1) of that section submits the report to Congress under subsection (g) of that section.

#### SEC. 6403. TELECOMMUNICATIONS WORKFORCE GUIDANCE.

Not later than 1 year after the date of enactment of this Act, the Secretary of Labor, in partnership with the Chairman of the Federal Communications Commission, shall establish and issue guidance on how States can address the workforce needs and safety of the telecommunications industry, including guidance on how a State workforce development board established under section 101 of the Workforce Innovation and Opportunity Act (29 U.S.C. 3111) can—

(1) utilize Federal resources available to States to meet the workforce needs of the telecommunications industry;

(2) promote and improve recruitment in workforce development programs in the telecommunications industry; and

(3) ensure the safety of the telecommunications workforce, including tower climbers.

#### SEC. 6404. GAO ASSESSMENT OF WORKFORCE NEEDS OF THE TELECOMMUNICATIONS INDUSTRY.

(a) DEFINITIONS.—In this section, the term “appropriate congressional committees” means—

(1) the Committee on Commerce, Science, and Transportation of the Senate;

(2) the Committee on Health, Education, Labor, and Pensions of the Senate;

(3) the Committee on Energy and Commerce of the House of Representatives; and

(4) the Committee on Education and Labor of the House of Representatives.

(b) REPORT.—Not later than 180 days after the date of enactment of this Act, the Comptroller General of the United States shall submit to the appropriate congressional committees a report that estimates the number of skilled telecommunications workers that will be required to build and maintain—

(1) broadband infrastructure in rural areas, including estimates based on—

(A) current need; and

(B) projected need, if Congress enacts legislation that accelerates broadband infrastructure construction in the United States; and

(2) the wireless infrastructure needed to support 5G wireless technology.

**SA 1852.** Mr. RUBIO submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title I of division E, add the following:

#### SEC. 51. NO INITIAL PUBLIC OFFERINGS FOR UNACCOUNTABLE ACTORS.

(a) DEFINITIONS.—In this section—

(1) the term “Board” means the Public Company Accounting Oversight Board;

(2) the term “Commission” means the Securities and Exchange Commission;

(3) the term “covered entity” means—

(A) an entity that is headquartered in, or otherwise controlled by an entity that is headquartered in, a foreign jurisdiction in which the Board is prevented from conducting a complete inspection or investigation of a registered public accounting firm under section 104 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7214) because of a position taken by an authority in that foreign jurisdiction, as determined by the Board; or

(B) an entity that—

(i) is headquartered in, or otherwise controlled by an entity that is headquartered in, a foreign jurisdiction; and

(ii) retains a registered public accounting firm described in section 104(i)(2)(A) of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7214(i)(2)(A));

(4) the terms “exchange”, “issuer”, and “security” have the meanings given the terms in section 3(a) of the Securities Exchange Act of 1934 (15 U.S.C. 78c(a)); and

(5) the term “national securities exchange” means an exchange registered as a national securities exchange under section 6 of the Securities Exchange Act of 1934 (15 U.S.C. 78f).

(b) PROHIBITIONS REGARDING COVERED ENTITIES.—Beginning on the date that is 1 year after the date of enactment of this Act—

(1) the Commission shall prohibit the initial listing of the securities of a covered entity on a national securities exchange;

(2) if the securities of an issuer are listed on a national securities exchange and, as a result of a business combination, that issuer becomes a covered entity, the Commission shall prohibit the national securities exchange from continuing to list the securities of the issuer; and

(3) a covered entity may not register a security of the covered entity under section 12(b) of the Securities Exchange Act of 1934 (15 U.S.C. 78l(b)).

**SA 1853.** Mr. CASEY (for himself, Mr. CORNYN, Ms. STABENOW, Mr. RUBIO, Mr. KAINE, and Mr. TILLIS) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science